Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 20 Oct 2021 until 23:59 on Thursday 21 Oct 2021

Forecast Issued on Tuesday 19 Oct 2021 at 16:07

Confidence: Low for timings of rainfall on Wednesday but high for a change to colder and brighter weather for Thursday. Some uncertainty in timing of rain moving into the UK later Saturday.

Headline for Wednesday 20 Oct 2021: Dry start then some rain for a spell. Windy, turning colder.

Mountain weather hazards on Wednesday 20 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Heavy Rain	Light rain	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	20%	30%	70%	70%	50%	50%

Forecast for Wednesday 20 Oct 2021

Weather: Dry with clear spells overnight then a dry and bright start. Cloud and rain will spread east in the morning, turning heavy for a time with small risk of thunder then clearing in the afternoon. Brightening up towards the end of the day then clear spells and scattered showers in the evening, merging to a longer spell of rain towards midnight.

Chance of cloud free mountain/hill tops above 600m: 90% early and late but reducing to 40% for a few hours during the day.

Visibility: Mostly good air clarity but areas of cloud will lower onto the tops as rain arrives, bases typically 600 or 700m with lower patches, then lifting off the summits again in the afternoon. Low cloud returning to tops late in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Wednesday 20 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/32 W	18/26 W	19/27 SW	12/17 SW	14/21 SW	17/24 W	17/25 SW	19/29 W	22/33 W
300	14/30 W	12/29 W	7/21 W	5/11 SW	10/21 SW	11/23 W	9/20 W	11/26 W	15/31 W
Valley	10/24 W	6/20 W	3/14 SW	3/9 S	10/19 NW	7/16 W	6/18 SW	9/23 W	14/30 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	7/3	6/2	7/3	7/4	5/0	5/0	5/0	4/-2
300	11/9	9/6	8/6	9/8	10/8	7/4	7/4	7/4	6/2
Valley	12/10	10/9	8/7	10/10	10/8	8/7	8/6	8/6	7/4
Freezing Level*	2000m	1500m	1400m	1800m	1800m	1300m	1200m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be prepared for some rain but also temperatures lowering and winds strengthening through the day with wind chill becoming increasingly significant on the tops.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 19 Oct 2021	10.6mm	18.8mm	25.2mm

Forecast for Thursday 21 Oct 2021

Weather: Mainly dry with long clear or sunny spells but feeling very cold in the strong northwesterly winds. The odd showers is possible, wintry above 600m, becoming more widespread by evening.

Maximum wind: Northwest 20-30mph, gusts 45mph.

Chance of cloud free mountain/hill tops above 600m: 90%.

Visibility: Excellent air clarity. Brief reductions in showers with a little summit cloud at times.

Temperature: **Valleys:** Plus 6C rising to 8 or 9C.
At 600m: Plus 1C rising to 4C.
Freezing level: 600m rising to 900m.

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